

ABSTRACT

An electromagnetic brake, interposed between a stationary housing and a rotational member, includes a multi-plate brake mechanism, a ring-like core member fixed within the housing, an exciting coil accommodated in a groove in the core member, and a ring-like armature disposed so as to confront the annular groove in the core member. The electromagnetic brake includes a cylindrical press member which having one end fixed to an outer circumferential portion of the armature and the other end engaged with the multi-plate brake mechanism and fitted on the core member, and also a cylindrical guide member having one end fixed to an inner circumferential portion of the armature and the other end fitted in the core member so that the armature is guided by the core member so as to move in the direction in which the multi-plate brake mechanism is pressed.